

Diamond Wire Quarry

Get In Touch



Landline: +27 (0)10 442 1773
Cell: +27 (0)64 847 6184



info@harlensupplies.co.za



Unit D46, Ifafi Business Centre
Corner of Mauser and Cannon Crescent,
Ifafi, Hartbeespoort, 0260



HARLEN SUPPLIES
QUARRYING | MINING | CONSTRUCTION

Diamond Wire Quarry

Premium diamond wire engineered for efficient, accurate stone extraction in granite, marble, and sandstone quarries. Features industrial-grade sintered or HIP beads, high cutting speeds (up to 30 m²/h), and long wire life (up to 45 m²/m). Available in various bead sizes (11.0–12.5mm) and assembly types (rubber, rubber + spring, spring) to suit soft to hard stone. Ideal for block extraction and squaring with minimal waste and surface damage.

GRANITE QUARRY WIRE

Bead Size (Diameter)	Bead Type	Beads per m	Assembly Type	Material Type	Wire Speed (m/s)	Cutting Speed (m ² /h)	Wire Life (m ² /m)
11,5mm	Sintered Beads	38/40	Rubber	Soft Granite	30 / 40	8 / 25	30 / 40
12,0mm	Sintered Beads	38/40	Rubber	Medium Granite	30 / 40	8 / 25	12 / 30
12,5mm	Sintered Beads	38/40	Rubber	Hard Granite	25 / 35	5/10	5 / 10
11,5mm	HIP Beads	38/40	Rubber + Spring				
12,0mm	HIP Beads	38/40	Rubber				

TRIMMING / BLOCK SQUARING WIRE

Bead Size (Diameter)	Bead Type	Beads per m	Assembly Type	Material Type	Wire Speed (m/s)	Cutting Speed (m ² /h)	Wire Life (m ² /m)
11.5mm	Sintered Beads	40	Rubber + Spring	Soft Granite	28 / 34	8 / 15	6 / 15
12,0mm	Sintered Beads	40	Rubber + Spring	Medium Granite	28 / 34	8 / 15	6 / 20
12,5mm	Sintered Beads	40	Rubber + Spring	Hard Granite	28 / 34	5 / 10	4 / 8

MARBLE QUARRY WIRE

Bead Size (Diameter)	Bead Type	Beads per m	Assembly Type	Material Type	Wire Speed (m/s)	Cutting Speed (m ² /h)	Wire Life (m ² /m)
11.0mm	Sintered Beads	35/37/40	Spring	Soft Marble	35 / 40	20 / 30	30 / 45
11.5mm	Sintered Beads	35/37/40	Spring	Medium Marble	33 / 40	20 / 25	25 / 30
				Hard Marble	25 / 35	15 / 20	15 / 25

GRANITE MONO WIRE

Spec	Bead Type	Diameter	Assembly Type	Beads per m	Material Type	Wire Speed (m/s)	Cutting Speed (m ² /h)	Wire Life (m ² /m)
HS/FT-GS110	Sintered Beads	Dia 11.0mm	Rubber	40	Hard Granite	25–32	5–10	7–9
HS/FT-GS105	Sintered Beads	Dia 10.5mm	Plastic	37 / 40	Medium Granite	27–32	10–15	8–15
HS/FT-GP088	Sintered Beads	Dia 9mm	Plastic	37	Soft Granite	30–33	15–20	16–20
					Soft/Medium Granite	29–33	15–20	8–18



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010 442 1773

Harlen Supplies (Pty) Ltd offers an extensive selection of products and solutions for your rock breaking and drilling needs. Our range includes handheld rock drills, drill steel, drill bits, Top Hammer rods, bits and couplings, as well as DTH rods, bits and hammers.